

EUGENIO MORELLO | LIST OF PUBLICATIONS – updated October 2013

peer reviewed articles	<p>Carneiro C., Morello E., Voegtle T., Golay F., 2010, "Digital urban morphometrics: Automatic extraction and assessment of morphological properties of buildings", in <i>Transactions in GIS</i>, 14:4, pp. 497-531.</p> <p>Morello E., Ratti C., 2009, "SunScapes: 'solar envelopes' and the analysis of urban DEMs", in <i>Computers, Environment and Urban Systems</i>, 33:1, pp. 26-34.</p> <p>Morello E., Ratti C., 2009, "A Digital Image of the City: 3-D isovists in Lynch's Urban Analysis", in <i>Environment and Planning B: Planning and Design</i>, 36:5, pp. 837-853.</p> <p>Mangiarotti A., Paoletti I., Morello E., 2008, "A model for programming design interventions aimed at reducing thermal discomfort in urban open spaces", in <i>Journal of Green Building</i>, 3:4, College Publishing, Glen Allen VA, USA, pp. 119-129.</p>
peer reviewed book contributions	<p>Carneiro C., Morello E., Desthieux G., 2009, "Assessment of solar irradiance on the urban fabric for the production of renewable energy using LIDAR data and image processing techniques", in Sester M., Bernard L., Paelke V. (editors), <i>Advances in GIScience</i>, Lecture Notes in Geoinformation and Cartography, Springer, Berlin.</p> <p>Carneiro C., Morello E., Ratti C., Golay F., 2008, "Solar radiation over the urban texture: LIDAR data and image processing techniques for environmental analysis at city scale", in Lee J., Zlatanova S. (editors), <i>3D Geo-information Sciences</i>, Lecture Notes in Geoinformation and Cartography, Springer, Berlin.</p>
book contributions	<p>Morello E., Piga B.E.A., Signorelli V., Cibien L., 2013, "Envisioning the sustainable campus: the urban model as the hub that supports the transformation" in Morello E., Piga B. E. A. (eds.), <i>Envisioning Architecture: Design, Evaluation, Communication - Proceedings of the 11th conference of the European Architectural Envisioning Association</i>, Edizioni Nuova Cultura, Roma, pp. V-XI.</p> <p>Morello E., 2013, "Dalla dismissione alla riqualificazione energetica degli spazi della produzione", in Lanzani A., Ali A., Gambino D., Longo A., Moro A., Novak C., Zanfi F. (editors), <i>Quando l'autostrada non basta. Infrastrutture, paesaggio e urbanistica nel territorio pedemontano lombardo</i>, Quodlibet Studio, Città e Paesaggio, Macerata, pp. 236-247.</p> <p>Morello E., Ratti C., 2012, From evaluation to design of the urban form through the assessment of environmental indicators, in Haas T. (editor), <i>Sustainable Urbanism and Beyond: Rethinking Cities for the Future</i>, Rizzoli International, New York, pp. 117-119.</p> <p>Offenhuber D., Lee D., Wolf M., Girod L., Boustani A., Dunham J., Kloeckl K., Morello E., Britter R., Biderman A., Ratti C., 2011, Urban Digestive Systems, in Shepard M. (editor), <i>Sentient City: ubiquitous computing, architecture, and the future of urban space</i>, MIT Press, Cambridge MA, pp. 90-109.</p> <p>Angelotti A., Morello E., 2009, "2. Il calcolo del fabbisogno energetico invernale. 2.1. Le norme tecniche per il calcolo del fabbisogno energetico invernale", in Campioli A., Lavagna M. (editors), <i>Raccomandazioni per la progettazione di edifici energeticamente efficienti</i>, Edizioni Laterservice, Roma, pp. 13-16.</p> <p>Angelotti A., Morello E., 2009, "Procedura semplificata per il calcolo del fabbisogno energetico per il riscaldamento invernale", in Campioli A., Lavagna M. (editors), <i>Raccomandazioni per la progettazione di edifici energeticamente efficienti</i>, Edizioni Laterservice, Roma, pp. 17-26.</p> <p>Angelotti A., Monticelli C., Morello E., 2009, "Procedure per il calcolo termico in regime stazionario e in regime dinamico sinusoidale", in Campioli A., Lavagna M. (editors), <i>Raccomandazioni per la progettazione di edifici energeticamente efficienti</i>, Edizioni Laterservice, Roma, pp. 27-32.</p> <p>Angelotti A., Morello E., 2009, "Il ruolo della massa: analisi e valutazione delle caratteristiche dinamiche di chiusure verticali opache", in Campioli A., Lavagna M.</p>

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Morello E., Biderman A., Rojas F.M., Ratti C., 2009, "Monographic Insert: SENSEable City – MIT Laboratory", in Fusero P., *E-City: Digital networks and cities of the future*, Actar-D List, Barcelona, pp. 128-157.

Morello E., Ratti C., 2007, "Raster Cities: image processing techniques for environmental urban analysis", in Thwaites K., Porta S., Romice O., M. Greaves (editors), *Urban Sustainability through Environmental Design: approaches to time, people and place responsive urban spaces*, Spon Press, London, UK, pp. 119-122.

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Morello E., Pareglio S., Ronchi S., Rispoli S., 2012, "The Spatial Dimension of Energies: Urban Patterns and Energy Strategies", in Balamir M., Ersoy M., Sutcliffe E. B. (eds.), *AESOP 2012 E-Book of Abstracts, 26th Annual Congress of the Association of European Schools of Planning*, Ankara, Turkey.

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